Meet Siemens Healthineers

Siemens Healthineers: Our brand name embodies the pioneering spirit and engineering expertise that is unique in the healthcare industry. The people working for Siemens Healthineers are totally committed to the company they work for, and are passionate about their technology. In this section we introduce you to colleagues from all over the world – people who put their hearts into what they do.

Katie Grant, Ph.D.

Katie is a passionate leader who enjoys working with others to make things happen. She is currently Senior Director for MR Marketing and Sales Operations in North America. After earning her Ph.D., Katie worked for Mayo Clinic and the Department of Defense in high-speed electronics prototype development. She also worked as a liaison to physicians working on integrating these technologies into advanced medicine. After five years, the opportunity arose to join Siemens Healthineers as a collaboration manger in the CT business, which was a dream job that combined her strengths and interests. Katie spent ten years in the CT business, working across various parts of the organization to drive innovation and partnerships with customers, both nationally and globally. Katie then moved on to lead the NAM MR R&D collaboration team of over 55 scientists. After spending 12 years in R&D collaborations, she switched to the commercial side of the business to learn more about internal operations within a large sales and marketing organization. Katie earned a bachelor's degree in physics from Miami University, a Ph.D. in biomedical engineering from Mayo Clinic, and is a principal key expert. She is an inventor on 17 granted patents and has published over 35 papers. Katie lives in Minnesota, USA, with her husband and two daughters.

How did you first come into contact with MRI?
I first learned about MRI as a physics student studying electromagnetics. Having had a CT scan for a sports injury when I was younger, I was intrigued by cross-sectional imaging and found MRI to be incredibly interesting. I wanted to understand how and why it worked. I went on to start my Ph.D. in MRI and biomedical engineering at Mayo Clinic, which led to even more interesting opportunities that stretched beyond MRI. I ended up writing a thesis on neurophysiology of the neuromuscular junction, using confocal and transmission electron microscopy. That was a far cry from CT or MR. About five years after I finished my Ph.D., a friend asked me to consider joining the CT team at Siemens Healthineers – I haven't looked back since!

What do you find motivating about your job?
That I get to solve problems that are meaningful and impact people around the world. There always seems to be new challenges in MRI, in every aspect of the business. But I cannot say that without acknowledging what a big impact my colleagues and our customers make on me every day. I have been very fortunate to work with incredible people throughout my tenure at Siemens Healthineers. I remain motivated and enjoy solving problems because I get to do so alongside really intelligent, thoughtful, and fun people who share a passion to do and be the best, for the sake of the patient.

What are the biggest challenges in your job?
As with any job, there are a multitude of challenges, but a crucial underlying challenge is communication. There are so many different stakeholders involved in projects, each with different viewpoints, personalities, and hurdles to overcome. It can be a real challenge to get everyone involved to have the same understanding of what needs to be accomplished. It can be a lot of work and sometimes painful, but solid communication is critical to our overall success. I have also found this to be the most rewarding aspect of my work, as it allows me to get to know a lot of people across the company and learn not only about their roles and challenges, but also about them as individuals. Excellent communication is also what helps us stay at the cutting edge of innovation. In order to solve complex problems, we need to understand the concerns and challenges of our customers and be able to translate this to the engineering teams – and vice versa. It is really exciting to be on this blurry edge where physics, medicine, and engineering intersect.

What are the most important developments in healthcare?
I feel the most important developments in healthcare are the ones that improve the quality of a patient's life – which means they must have access to care. While artificial intelligence is an easy and perhaps obvious answer, there is so much more. The advances in connectivity and the

developments around digitalization of healthcare are also enabling more affordable, high-quality access worldwide. The ability to bring care to a patient, remotely check in on their health, and provide expert care in a remote area has grown significantly over the past few years. MAGNETOM Free.Max and MAGNETOM Viato.Mobile[1] coupled with *syngo* Virtual Cockpit are fantastic examples of how we are working on this challenge internally at Siemens Healthineers. Hopefully, we will continue to see the positive effects of these developments in the years to come.

What would you do if you could spend a month doing whatever you wanted?
There are so many places I would love to explore! I would travel with my family and spend as much time as possible outdoors hiking, skiing, and things like that. I'd also read as many books as possible. I've never visited South America, so that would be one of the first countries on my list. I'd also love to see Norway, as many of my ancestors were Norwegian.

[1] *Work in progress. MAGNETOM Viato.Mobile is still under development and not commercially available yet. Its future availability cannot be ensured.*

Get to know us

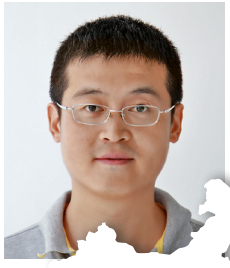
Eva Eberlein
Erlangen, Germany

Kelvin Chow, Ph.D.
Chicago, USA

Emily Lucchese
Melbourne, Australia

Miguel Contreras
Santiago, Chile

Solenn Toupin, Ph.D.
Bordeaux, France



Zhang Le, Ph.D.
Shenzen, China

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